Substitute for form 1449A/PTO **Application Number** 10/724,223 **Filing Date** December 1, 2003 INFORMATION DISCLOSURE First Named Inventor Jon Elliott Adler STATEMENT BY APPLICANT **Art Unit** 1649 (use as many sheets as necessary) **Examiner Name** John D. Ulm Sheet 1 of 4 **Attorney Docket Number** 67824.407222

U.S. PATENT DOCUMENTS Pages, Columns, Lines, DOCUMENT NUMBER Cite *Examiner Where Relevant Passages or Publication Date Name of Patentee or Initials Number - Kind Code (if known) MM-DD-YYYY Applicant of Cited Document Relevant Figures Appear US-1. 6383778 05-07-2002 Zuker et al. 2. US-6540978 04-01-2003 Margolskee et al. 3. US-7244835 07-17-2007 Adler et al. US-4 2002/0051997 05-02-2002 Zuker et al. 5. US-2002/0151052 10-17-2002 Chaudhari et al. 6. US-2002/0168635 11-14-2002 Zuker et al. 7. US-2003/0022278 01-30-2003 Zuker et al. US-Zuker et al. 8. 2003/0022288 01-30-2003 9. US-Zuker et al. 2003/0040045 02-27-2003 1d US-2003/0054448 03-20-2003 Alder et al. Zoller et al. US-2003/0232407 12-18-2003 US-US-US-US-US-US-US-US-US-US-US-US-

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitu	ute for	r form	n 1449/PT	ĩO .		Ar	pplication Number	10/724,223				
INFORMATION DISCLOSURE					CHRE	Fil	iling Date	December 1, 2003	December 1, 2003			
			_	BY APPLIC		Fir	rst Named Inventor	Jon Elliott Adler				
J 1 /				DI APPLIN sheets as necessal		Ar	rt Unit	1649	1649			
·			> IIIarry =		· <i>y)</i>	Ех	xaminer Name	John D. Ulm				
Sheet		2 0	of 4			At	ttorney Docket Number	67824.407222				
				F	OREIGN	PAT	TENT DOCUMENTS					
				PREIGN PATENT DOCUMENT								
*Examiner	Cite No.			y Code Number-Kind Code (if known)	Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSL	ATION		
		12.	WO	00/06592 02-10-2000		ວ _	The Regents of the University of California					
		13.	wo	02/064631	08-22-2002	2	Senomyx , INC					
		14.	wo	01/83749	11-08-2001	1	Warner-Lambert Co					
!		15.	wo	01/66563	09-13-2001	1	Senomyx, INC					
!		16.	wo	03/001876	01-09-2003	3	Senomyx, INC					
		17.	wo	03/025137	03-27-2003	3	IRM, LLC					
		18.	wo	2005/015158	02-17-2005		Senomyx, INC					
	<u> </u>			<u> </u>				<u> </u>				
!	<u> </u>			<u> </u>		!						
	<u> </u>			<u> </u> '		!						
	<u> </u>			 '		!						
!	ļ				<u> </u>	!						
· !	<u> </u>			l								
· /	_		 									
	ļ	\dashv		 !	 	!						
	 	_	 	 								
]						
	<u> </u>				<u> </u>					Ш		
IIMAXE	NER	SIGN	NATURE				DATE CONSIDERED					
*EXAMI if not in	NER conf	i: Init	tial if refe ince and	rence considered, not considered. In	whether or no	ot cif f this	itation is in conformance with s form with next communication	n MPEP 609. Draw line throon to applicant.	ough ci	tation		

					4		_		
Substitu	ate for f	form 1449/PTO	Application Number	er	10/724,223				
INIT	=^B	MATION DISCLOSURE	Filing Date		December 1, 2003				
		EMENT BY APPLICANT	First Named Invent	itor	Jon Elliott Adler				
) 			Art Unit	-	1649				
I	(นอธ	e as many sheets as necessary)	Examiner Name		John D. Ulm				
Sheet	7;	3 of 4	Attorney Docket N	lumber	67824.407222				
		OTHER DOCUMENTS - NON-	-PATENT LITER/	ATURE	DOCUMENTS		·····		
*Examiner	Cite	Include name of the author (in CAPITAL I	LETTERS), title of the artic	cle (when ap	ppropriate), title of the	TRANS	SLATION		
Initials	No.	item (book, magazine, journal, serial, number(s), publishe	symposium, catalog, etc.), date, page(s), volume-issue er, city and/or country where published			YES	NO		
	19.		Database EMBL 'Online!, embl heidelberg; Acc#: Ac062024, June 21, 2000. http://www.ebi.ac.uk/cgi-bin/emblfech?style=html&id=ac062024						
	20.	MONTMAYUER, et al., A Candidate Taste Receptor Gene near a Sweet Taste Locus, Nature <i>Neuroscience</i> , May 2001, pg 492-498, Vol. 4 No. 5, 2001 Nature Publishing Group							
	21.	ADLER, et al., A Novel Family of Mammalian Taste Receptors, Cell, March 17, 2000, pgs 693-702, Vol. 100, Cell Press							
	22.	XIAODONG, et al., Human Receptors for Sweet and Umami Taste, Proceeding of the National Academy of Science, April 2, 2002, pgs 4692-4696, Vol. 99 No. 7, PNAS							
	23.	GUO, et al., Protein Tolerance to Random Amino Acid Change, Proceeding of the National Academy of Science, June 22, 2004, pgs 9205-9210, Vol. 101 No. 25, PNAS							
	24.	NELSON, et al., Mammalian Sweet Taste Receptors, Cell, August 10, 2001, pgs 381-390, Vol. 106, Cell Press							
	25.	NELSON, et al., An Amino-Acid Taste R 416	NELSON, et al., An Amino-Acid Taste Receptor, Nature, March 14, 2002, pgs 199-202, Vol. 416						
	26.	ALEXANDER, et al., Altering the Antigenicity of Proteins, Proceeding of the National Academy of Science USA, April 1992, pgs 3352-3356, Vol. 89, PNAS							
	27.	BOWIE, et al., Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions, Science, 1990, pgs 1306-1310, Vol. 247							
	28.	KRAUTWURST, et al., Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library, Cell, December 23, 1998, pgs 917-926, Vol. 95, Cell Press							
	29.	GenBank accession number AL139287, clone RP5-89003, Feb. 12, 2000							
EXAMIN	VER SI	IGNATURE	DATE CONSID)ERED		<u> </u>			
*EXAMI	NER:	Initial if reference considered, whether or n conformance and not considered. Include	not citation is in confe	iormance	with MPEP 609. Draw I	line thro	ough		

PTO/SB/08B (08/03) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		4	4						
Substitute for form 14	449/PTO	Application Number	10/724,223						
INFORMA	ATION DISCLOSURE	Filing Date	December 1, 2003						
	ENT BY APPLICANT	First Named Inventor	Jon Elliott Adler						
	many sheets as necessary)	Art Unit	1649						
(400 40	idily silects as ileccessary,	Examiner Name	John D. Ulm						
Sheet 4 of 4	4	Attorney Docket Number	67824.407222						
OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS									
*Examiner Cite	Include name of the author (in CAPITAL I	LETTERS), title of the article (when ap	ppropriate), title of the	TRANSL	SLATION				
Initials No.	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published								
30. Ge	30. GenBank accession number AA907022, May 19, 1998								
	HOON, et al., Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with								
Dis	Distinct Topographice Selectivity, Cell, February 19, 1999, pgs 541-551, Vol. 96, Cell Press								
	LINDEMANN, B., A Taste for Umami, Nature <i>Neuroscience</i> , February 2000, pgs 99-100, Vol.								
	3 No. 2								
	PERRUCCIO, et al., Possible Role for Gustducin in Taste Transduction in Hirudo Medicinals,								
Soc	ciety for Neuroscience Abstracts, 200	00, pgs (Abstract) No. 66.15, V	ol. 26 No. 1-2						
			l						
			1						
			ļ						
					_				
				-					
EXAMINER SIGNATURE DATE CONSIDERED									
		DATE CONSIDERED							
*EXAMINER: Initial	al if reference considered, whether or	not citation is in conformance of copy of this form with next comm	with MPEP 609. Draw li	ine thro	ough				